

ABSTRACT OF THE DISCLOSURE

A system and method for determining the geolocation of autonomous mobile appliances using timing measurements from reference signals to determine position. The system and method allows the use of reference signals from disparate communication and navigation networks of which the mobile appliance may or may not be a network member. The system and method also maintains and dynamically updates its database of the location of reference signal transmitters and the reference signals emitted by the reference signal transmitters upon the detection of new reference signals or when the geolocation solution of a mobile appliance is over-determined.